# **Lab 3A. Introduction to C++ stream in/out operators**

***Q1. Write code in q1 function, to print your name and roll number***

***Solution:***

|  |
| --- |
| Void q1()  {  cout<<”your name”<<endl;  cout<<”roll nmb”<<endl;  } |

***Q2. Write code in q2 function, to add two integer numbers entered by user***

***Solution:***

|  |
| --- |
| Void q2()  {  int num1, num2, sum;  cout<<” enter two numbers to add”<<endl;  cin>>num1, num2;  sum=num1+num2;  cout<<” sum of two numbers is:”<<sum<<endl;  } |

***Q3. Write code in q3 function, to read the two sides of a rectangle in meters, calculate its area and display the area value to the user***

***Solution:***

|  |
| --- |
| Void q3()  {  int side1, side2, area;  cout<<” enter two sides of a rectangle”<<endl;  cin>>side1, side2;  area=side1 \* side2;  cout<<” area of rectangle is :”<<area<<endl;  } |

***Q4. Write code in q4 function, Take input of age from the user in years, and check whether he/she can cast a vote or not. A person can cast his/her vote if his/her age is 18 years or more than 18.***

***Solution:***

|  |
| --- |
| Void q4()  {  int age;  cout<<” enter your age”<<endl;  cin>>age;  if(age>= 18)  cout<<”you can cast vote\n”;  else  cout<<”you can’t cast vote\n”;  } |

***Q5. Write code in q5 function, Take three inputs from the user and determine the largest of those three numbers, print that value to the user.***

***Solution:***

|  |
| --- |
| Void q5()  {  int a,b,c;  cout<<” enter three numbers”<<endl;  cin>>a>>b>>c;  if(a>b && a>c)  cout<<”a is largest\n”;  else if(b>c && b>a)  cout<<”b is largest\n”;  else  cout<<”c is largest”;  } |